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Abstracts Issue Addendum

Sunday, February 21

Abstracts Withdrawn

526-Pos B407

Impaired Intracellular Calcium Handling in Atrial Cardiomyocytes from Rats Selected for Low Aerobic Capacity and Metabolic Syndrom. **Anne Berit Johnsen**, Marcia Alvez, Guri Kaustad, Natale Rolim, Ulrik Wisløff, Morten A. Høydal.

836-Pos B717

Mechano-Chemical Feedbacks Play a Major Role in Regulating Actin Mesh Growth in Lamellipodial Protrusions. **Longhua Hu**, Garegin A. Papoian.

874-Pos B755

Intracellular Proton Binding is Voltage-Dependent and Rate-Limiting for the Gastric H,K-ATPase Under in vivo Conditions. **Katharina L. Duerr**, Neslihan N. Tavraz, Thomas Friedrich.

1003-Pos B884

Broadband Dielectric Spectroscopy of Bovine Serum Albumin and Insulin Solutions in Nanoliter Volumes. **Nathan D. Orloff**, Jaclyn R. Dennis, Ichiro Takeuchi, James C. Booth.

Programming Changes

890-Pos B771

Photosynthetic Antenna Systems: the Place where Light Interfaces with Biology. **Robert E. Blankenship**.

(Presented during Bioenergetics Subgroup Session)

901-Pos B782

Cyclic Electron Transfer and Photosynthetic Energy Balance. **David M. Kramer**, Aaron K. Livingston, Atsuko Kanazawa, Heather Enlow, Jeffrey A. Cruz.

(Presented during Bioenergetics Subgroup Session)

961-Pos B842

Visual Biochemistry: High Throughput Single Molecule Imaging of Protein DNA Interactions. **Eric Greene**.

(Presented during Biological Fluorescence Subgroup Session)

Author Block Change

457-Pos B338

Simultaneous Single-Channel Recording and Fluorescence Imaging of Calcium Flux Reveals the Behaviour of Individual Antimicrobial Peptide Pores. **Lydia M. Harriss**, Bríd Cronin, James R. Thompson, Mark I. Wallace.

1025-Pos B906

Functional Characterization of Tubby Domains of Arabidopsis Thaliana Using Computational Methods. **Shaneen M. Singh**, Nataraj V. Dongre, Ewa Wywiał.

Monday, February 22

Abstracts Withdrawn

1506-Pos B304

Comparative Interaction of Tricyclic Antidepressants and Mecamylamine with the Human $\alpha 4\beta 2$ Nicotinic Acetylcholine Receptor. **Joringel F. Kaiser**, Katarzyna M. Targowska-Duda, Dominik Feuerbach, Krzysztof Jozwiak, Hugo R. Arias.

1553-Pos B351

Simulations of Calcium Oscillations in Pancreatic Acinar Cells. **Peng Wang**, Andrew Quong, Amy Y. Liu.

2017-Pos B815

Automated Protein-Insertion into Membranes for Molecular Dynamics Simulation Set-Up Using Taragrid. **René Staritzbichler**, Lucy R. Forrest, José Faraldo-Gómez.

Programming Changes

1179-Plat 10:45 AM

Outer Pore Domain of TRPV1 Ion Channel is Required for Temperature-Independent Step During Temperature-Activation. **Jorg Grandl**, Sung Eun Kim, Valerie Uzzell, Badry Bursulaya, Matt Petrus, Michael Bandell, Ardem Patapoutian.
(Presented during Mechanosensitive & TRP Channels Poster Session at B502.1)

1721-Pos B519

Multi-Ion Mechanism of Potassium Channel Rejection of NA and LI Ions. Ilsoo Kim, **Toby W. Allen**.
(Presented during Permeation & Transport Subgroup Session)

1982-Pos B780

Calcium Gating by the DHPR-RYR1 Pair. **Montserrat Samso**.
(Presented during Permeation & Transport Subgroup Session)

2159-Plat 5:15 PM

The Structure and Transport Mechanism of ADIC - an Arginine/Agmatine Antiporter. **Yiling Fang**, Tania Shane, Fang Wu, Carole Williams, Christopher Miller.
(Presented during Permeation & Transport Subgroup Session)

Author Block Change

1674-Pos B472

Accessibility of Cysteines within the NBD Interface in a CFTR Channel. **Luiz A. P. Chaves**, David C. Gadsby.

Poster Session Title Change

Monday, February 22, 2010

Mechanosensitive & TRP Channels

(Formerly Mechanosensitive Channels)

Tuesday, February 23

Abstracts Withdrawn

2298-Pos B27

Electrostatics of the Protein-Water Interface. **Dmitry V. Matyushov**.

2827-Pos B556

Local Ca²⁺ Releases Enable Rapid Heart Rates in Developing Cardiomyocytes. **Topi Korhonen**, Risto Rapila, Veli-Pekka Ronkainen, Pasi Tavi.

2845-Pos B574

Effect of Training Induces Changes in Heart, CamkII Dependent or Not? **Guri Kaurstad**, Marcia N. Alves, Natale Rolim, Trine Skoglund, Helene Wisløff, Morten A. Høydal, Tomas O. Stølen, Ulrik Wisløff.

2929-Pos B658

Charmm-Gui: Brining Advanced Computational Techniques to Web Interface. **Sunhwan Jo**, Wonpil Im.

2970-Pos B699

Multi-Scale, Integrative Model Development Using High-Performance Computer Architectures. **Laura A. Doyle**, Joseph L. Greenstein, Raimond L. Winslow.

3127-Pos B856

A Novel Approach for Efficient Photosynthetic Hydrogen Production. **Nathan Nelson**.

Programming Change

2395-Pos B124

Using Molecular Simulations to Screen for Antibiotics with Enhanced Permeation Properties Through Bacterial Pores. **Eric Hajjar**, Amit Kumar, mahendran Kozhijampara, Andrey Bessonov, Mathias Winterhalter, Paolo Ruggerone, Matteo Ceccarelli.
(Presented during Minisymposium 4: New Chemical Modulators by Rational Design)

Title Change

2510-Pos B239

Study of the Specific Lipid Binding Properties of a Amyloid Beta N-Terminal Fragment at Endosomal Ph. Stephanie Ravault, Robert Brasseur, **Laurence Lins**.

Author Block Change

3033-Pos B762

Spatio-Temporal Control in Multiphoton Fluorescence Laser-Scanning Microscopy. Arijit Kumar De, Debjit Roy, **Debabrata Goswami**.

Wednesday, February 24

Abstracts Withdrawn

3873-Pos B597

Imaging Contrast and Biomechanics Using Optical Coherence Tomography to Sense Superparamagnetic Iron Oxide Labeled Platelets. **Amy L. Oldenburg**, Thomas H. Fischer, Caterina M. Gallippi.

3950-Plat 1:30 PM

Structural, Biochemical, and Functional Studies on the Regulation of the *S. Cerevisiae* AMPK Homolog SNF1. **Gabriele A. Amodeo**.

Programming Changes

3262-Plat 8:30 AM

The Origin of Nucleotide Dependence of Conformational Changes in ABC Transporters. **Po-Chao Wen**, Emad Tajkhorshid. (Presented during Permeation & Transport Subgroup Session)

3928-MiniSymp 1:20 PM

Structure of P-Glycoprotein Reveals a Molecular Basis for Poly-Specific Drug Binding. **Stephen G. Aller**. (Presented during Permeation & Transport Subgroup Session)